

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.12**DAILY PROJECT JOURNAL****Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Report No:** DPJ-000384**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 23-Oct-2007**Location:** Changxing Island, Shanghai, China**Submittals(New / Total):****CWR's:** 0 / 21**HSR's:** 0 / 7**NCR's:** 0 / 11

Item	Title	Detail
1	Major component movement	<p>77m Tower Mock-up: No welding observed.</p> <p>89m Tower Mock-up: Welding upper and lower skin plate C butt weld.</p> <p>114m Tower Mock-up: No welding observed.</p> <p>Closed-rib Weld Trial: ZPMC is fitting 5 ribs to a deck panel for an internal trial.</p>
2	Meetings attended	<p>Caltrans met with ABF and ZPMC at 1300 to discuss issues and the schedule for the next three days.</p> <p>Issues: ZPMC discussed an issue with the Chanel and Angle for strut façade on the Tower Mock-up. This material does not have any mill markings or tag from the mill. Caltrans agreed to allow this material to be used on the Mock-up and stated that no further verification was required. However, the production material needs to have full traceability. At this point, ZPMC stated that there may be an issue with the production material. After some discussion, ZPMC stated they have lost traceability of approximately 500 tons of rolled shapes. ABF will research the issue regarding the amount, type and use in the structure.</p> <p>ZPMC has submitted a HSR to ABF for correcting the 150 degree bend flanges for the 77m Tower Mock-up Diaphragms. ABF asked if Caltrans would entertain heat straightening. Caltrans stated they would discuss this internally, but that the proposal from ZPMC should include options for correction and corrective action to prevent similar occurrences on future work. Options Caltrans, ABF and ZPMC discussed were: grinding high spots, weld correction of gap, strip heats to re-bend, bending future material</p>

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onsite.

ZPMC notified ABF and Caltrans that they will perform a trial on the CJP Stiffener welds tomorrow. ABF delivered the proposed plan to Caltrans.

ABF and ZPMC are still discussing the internal NCR on the Shear Links.

ZPMC asked about the status of the 2nd batch of check samples. The results should be back by the middle of next week. The 3rd batch of check samples is being reviewed by ABF prior to submittal to Caltrans. This batch contains plates with supplemental grain size from the mill.

Caltrans asked about the schedule for start of OBG Bottom and Side Plate fabrication such as cutting of plates and splicing. ZPMC does not know the schedule, but will research.

ABF informed Caltrans that Lincoln Electric representatives are currently checking the closed-rib welding gantry and the another weld trail may start next week.

3	Other important observations	Caltrans observed cutting and machining of the UT Closed-rib PJP procedure initial proof sample. Etching is scheduled for tomorrow.
4	Quality Assurance Inspectors per shift	6 Day Shift (Acuna, Brannon, Hasler, Hernandez, McClendon, Viars) 4 Swing Shift (Berger, Dixon, Franco, Smith)

Inspected By: McClary,David

Quality Assurance Inspector

Reviewed By: Lowry,Patrick

QA Reviewer
